



Attorney's Docket No.: 07148-063003 / A15-505.35

1638
FEB 20
Ans 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte, et al.

Art Unit : 1638

Serial No. : 09/771,904

Examiner : E. McElwain

Filed : January 29, 2001

Title : FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF

U.S. Patent and Trademark Office

Mail Stop - Box Sequence

PO Box 2327

Arlington, VA 22202

RECEIVED

FEB 19 2003

RESPONSE

TECH CENTER 1600/2900

In response to the action mailed January 7, 2003 (copy enclosed), please amend the application as follows:

In the specification:

Replace the Sequence Listing with the substitute Sequence Listing filed herewith.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the U.S. Patent and Trademark Office, PO Box 2327, Arlington, VA 2220.

February 7, 2003

Date of Deposit

Signature

Kathryn J. Sanderson

Typed or Printed Name of Person Signing Certificate